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PTO/SB/21 (08-00)

February 5, 2004

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TRADE

Application Number 10/772,756

Filing Date

FORM				
FORM		First Named Inventor	Fox	
(to be used for all correspondence after in	itial filing)	Group Art Unit	3673	
		Examiner Name	Unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	04017.00071	
	ENCL	OSURES (check all that apply)		
Fee Transmittal Form		ment Papers Application)	After Allowance Communication to Group	
Fee Attached	☐ Drawin	g(s)	Appeal Communication to Board of Appeals and Interferences	
Amendment / Response	Licensi	ing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
☐ After Final	Petition	١	Proprietary Information	
Affidavits/declaration(s)	Petition to Convert to a Provisional Application		Status Letter	
Extension of Time Request	Power of Attorney, Revocation Change of Correspondence Address		Other Enclosure(s) (please identify below):	
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Individual name Banner & Witcoff, L	id.			
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Date June 14, 2004				

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Attorney Docket No. 04017.00071

In re U.S. Patent Application of Fox, et al.)
Application No. 10/772,756) Examiner: Unassigned
Filed: February 5, 2004) Group Art Unit: 3673
For: LATERAL DISPLACEMENT PIER AND METHOD OF INSTALLING THE SAME))

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§1.97 and 1.98, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 CFR §1.56. Copies of the references cited below are enclosed. The references are also listed on the enclosed and completed PTO Form PTO/SB/08A.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) within three months of this application's filing date or before the mailing date of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement.

Under 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.

Under 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the cited references are, or are considered to be, material to patentability as defined in 37 CFR. §1.56(b).

U.S. Patents

Likins, Jr., U.S. Patent No. 5,978,749, issued, 11/02/1999

Finley, U.S. Patent No. 5,622,453, issued, 04/22/1997

Fujioka, U.S. Patent No. 5,608,169, issued, 04/04/1997

Verstraeten, U.S. Patent No. 5,423,633, issued, 06/13/1995

Fox, U.S. Patent No. 5,249,892, issued, 10/05/1993

Holdeman, U.S. Patent No. 5,066,168, issued, 11/19/1991

Blum, U.S. Patent No. 4,966,498, issued, 10/30/1990

Lipsker, U.S. Patent No. 4,770,256, issued, 09/13/1988

Steding, U.S. Patent No. 4,738,568, issued, 04/19/1988

Sliwinski, U.S. Patent No. 4,730,954, issued, 03/15/1988

Horvath, U.S. Patent No. 4,657,441, issued, 04/14/1987

Tamaki, U.S. Patent No. 4,637,758, issued, 01/20/1987

Bullivant, U.S. Patent No. 4,605,339, issued, 08/12/1986

Sodder, Jr., U.S. Patent No. 4,314,615, issued, 02/09/1982

Farmer, U.S. Patent No. 4,165,198, issued, 08/21/1979

Yamada, U.S. Patent No. 3,869,003, issued, 04/04/1975

Fuller, U.S. Patent No. 3,685,302, issued, 08/22/1972

Sherard, U.S. Patent No. 3,638,433, issued, 02/01/1972

Other Documents

Handbook of Concrete Engineering, Second Edition, edited by Mark Fintel, Van Nostrand Reinhold Company, New York, NY, 2nd Ed., Chap. 8, pp. 268-320, 1985

International Preliminary Examination for PCT/US00/01794 dated July 23, 2001

International Search Report for PCT/US00/01794 dated June 6, 2000

International Search Report for PCT/US01/19214 dated November 5, 2001

J.E. Bowles, Foundation Analysis and Design, 4th Ed., Chap. 6, pp. 288-303

Lawton, et al., Control of Settlement and Uplift of Structures using Short Aggregate Piers, ASCE National Convention, October 9-13, 1994, pp. 121-132

ENR Engineering News-Record, the Construction Weekly, Shorter Piles Have Deep Impact, July, 1996

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Date: June 14, 2004

Respectfully submitted,

Jon O. Nelson

By:

Registration No. 24,566

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known				
Application Number	10/772,756			
Filing Date	February 5, 2004			
First Named Inventor	Nathaniel S. Fox			
Group Art Unit	3673			
Examiner Name	Unassigned			
Attorney Docket Number	04017.00071	フ		

U.S. PATENT DOCUMENTS					
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *		Number - Kind Code ² (if known)		Cited Document	Passages or Relevant Figures Appear
	1	US- 5,978,749	11/02/1999	Likins, Jr.	
	2	US- 5,622,453	04/22/1997	Finley	
	3	US- 5,608,169	04/04/1997	Fujioka	-
	4	US- 5,423,633	06/13/1995	Verstraeten	
	5	US- 5,249,892	10/05/1993	Fox	
	6	US- 5,066,168	11/19/1991	Holdeman	
	7	US- 4,966,498	10/30/1990	Blum	
	8	US- 4,770,256	09/13/1988	Lipsker	
	9	US- 4,738,568	04/19/1988	Steding	
	10	US- 4,730,954	03/15/1988	Sliwinski	
	11	US- 4,657,441	04/14/1987	Horvath	
	12	US- 4,637,758	01/20/1987	Tamaki	
	13	US- 4,605,339	08/12/1986	Bullivant	
	14	US- 4,314,615	02/09/1982	Sodder, Jr.	
	15	US- 4,165,198	08/21/1979	Farmer	
	16	US- 3,869,003	04/04/1975	Yamada	
	17	US- 3,685,302	08/22/1972	Fuller	
	18	US- 3,638,433	02/01/1972	Sherard	

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	5 10	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Applicant of Cited Document		T⁰

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials * Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
	19	Handbook of Concrete Engineering, Second Edition, edited by Mark Fintel, Van Nostrand Reinhold Company, New York, NY, 2 nd Ed., Chap. 8, pp. 268-320, 1985			
	20	International Preliminary Examination for PCT/US00/01794 dated July 23, 2001			
	21	International Search Report for PCT/US00/01794 dated June 6, 2000			
	22	International Search Report for PCT/US01/19214 dated November 5, 2001			
	23	J.E. Bowles, Foundation Analysis and Design, 4 th Ed., Chap. 6, pp. 288-303			

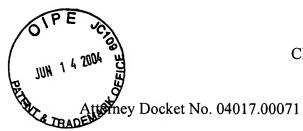
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		24	Lawton, et al., Control of Settlement and Uplift of Structures using Short Aggregate Piers, ASCE National Convention, October 9-13, 1994, pp. 121-132			
		25	ENR Engineering News-Record, the Construction Weekly, Shorter Piles Have Deep Impact, July, 1996			

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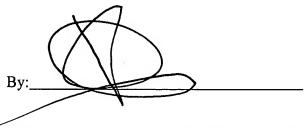
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Fox, et. al., U.S. Patent Application No. 10/772,756 for "LATERAL DISPLACEMENT PIER AND METHOD OF INSTALLING THE SAME"

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- Information Disclosure Statement (3 pages)
- Form PTO/SB/08A (2 pages)
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